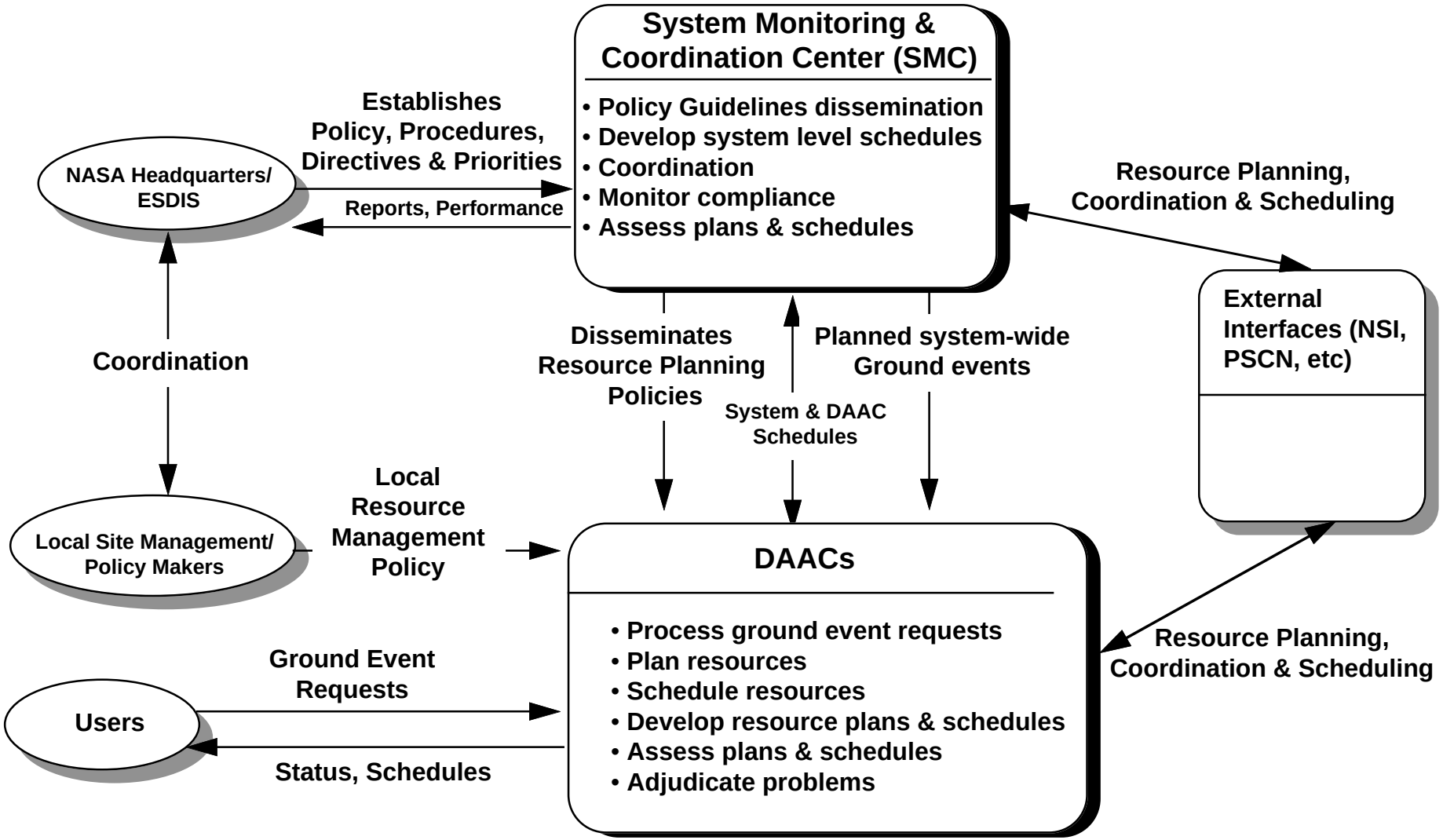
Organizational Interfaces



Roles

ESDIS

- Sets the priority and policies regarding resource planning.

SMC

- Provides system-wide policy implementation regarding planning of resources at individual sites and element locations by planning high level directives for system-wide ground events.

DAAC

- Manages local operations and site resources.
- Schedules local ground event resources.
- Provides a means for the SMC to monitor the local ground resources.

Process

- **A ground event activity is planned and submitted to the resource planner for resources to be scheduled.**
- **The resource planner enters the ground event data into the resource planning system via the system GUI display.**
  - **Primarily this data includes the following:**
    - » **ground event type**
    - » **description of resources required**
    - » **start time (start time of ground event implementation)**
    - » **duration (dates related to ground event servicing)**
  - **The operator has the capability to create a new site resource schedule (daily, weekly, monthly, etc.) or to modify an existing schedule.**
- **After required data is entered, the operator submits the data to the resource scheduling system.**
- **The resource planning system analyzes the requests, schedules the appropriate resources, and presents the candidate integrated schedule to the resource planner.**
- **Adjudication of schedules are handled locally for sites and the SMC adjudicates for any inter-DAAC problems.**

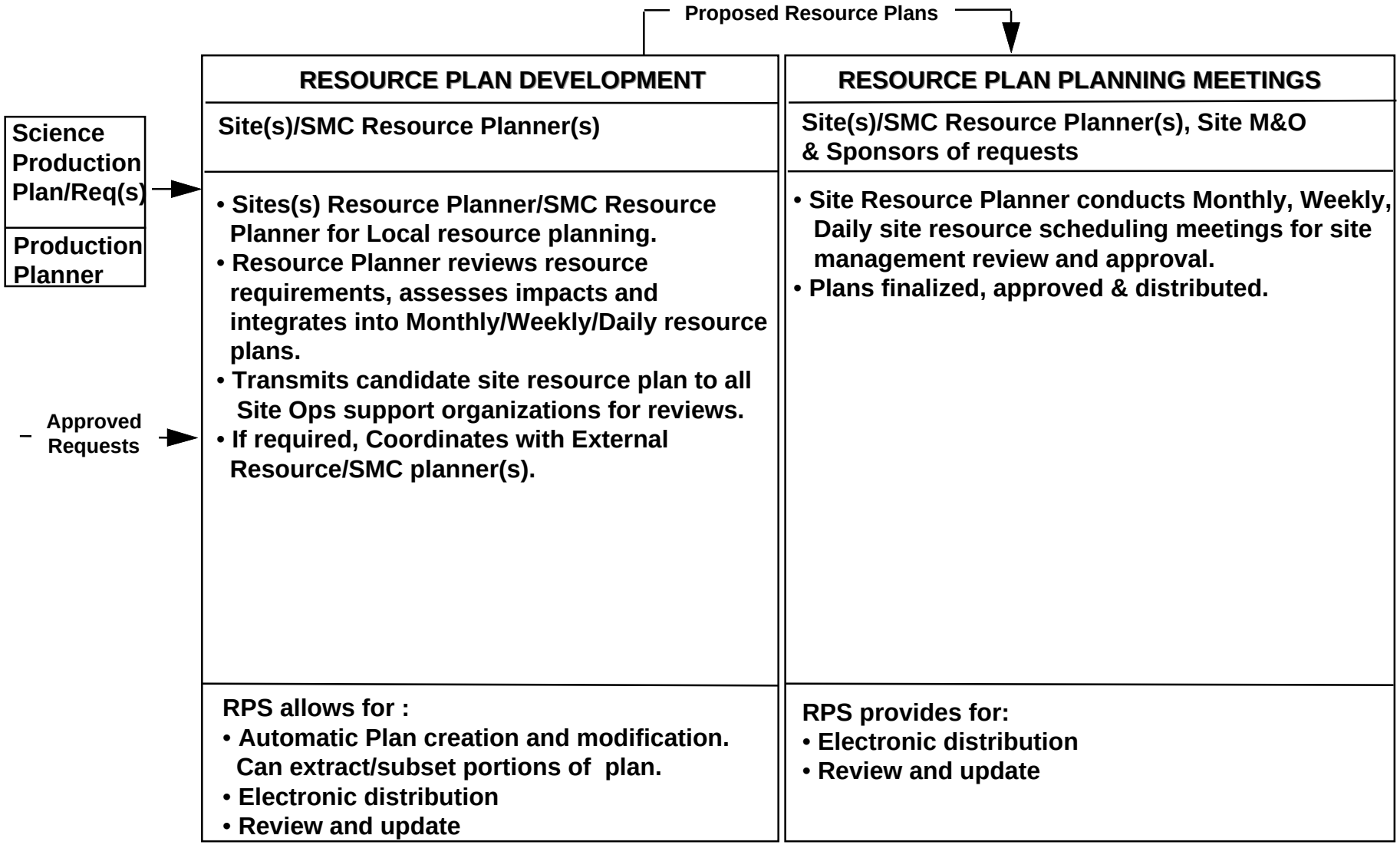
Process (cont.)

- **After adjudication the final site resource schedule is distributed to the site operators, external users, and the SMC. SMC enters site schedules into system resource scheduler in similar fashion.**
- **A timeline view of resource allocation to events is provided to the resource planner. Resource requests not yet placed on the plan are available to the resource planner.**

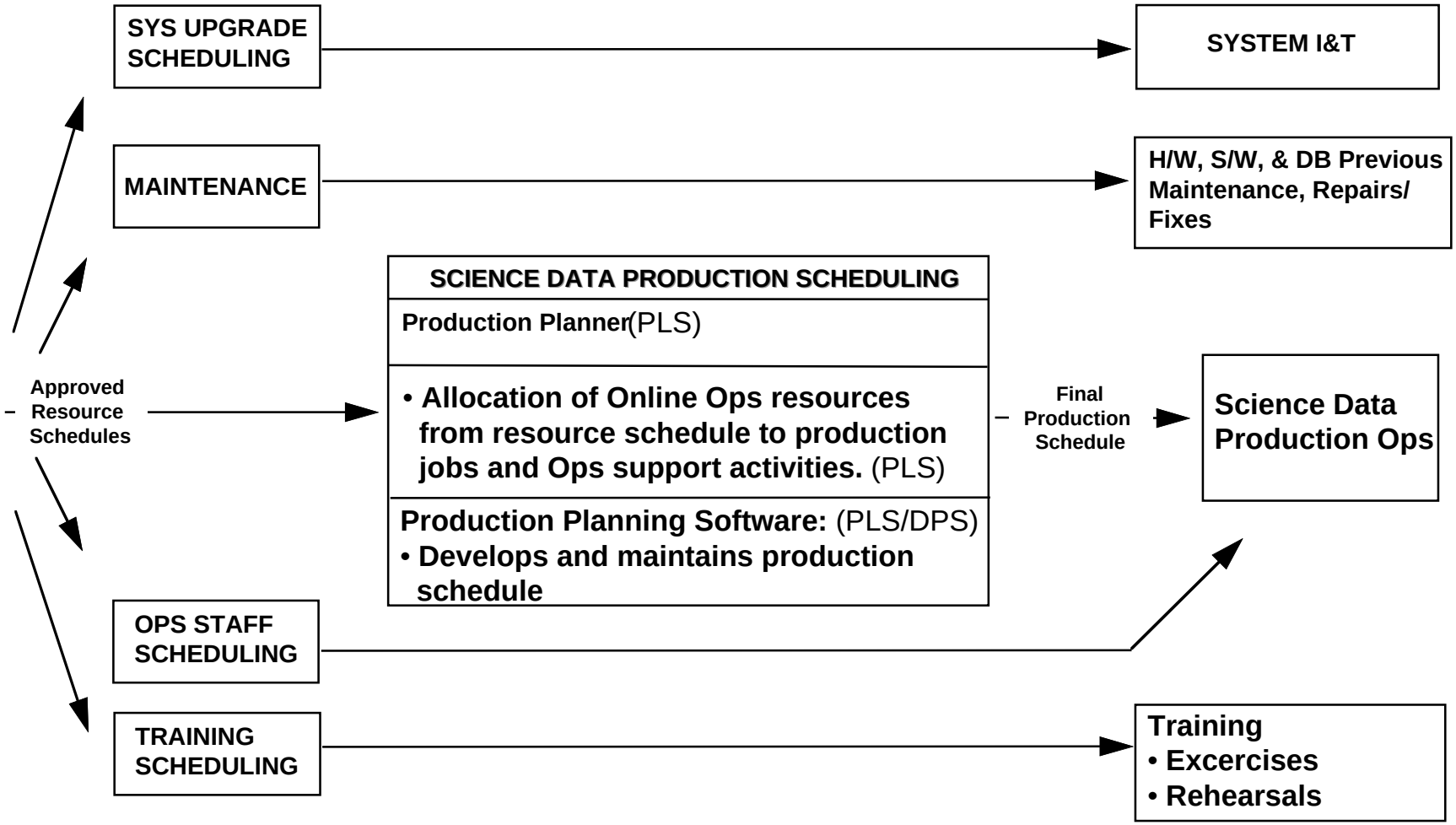
Process Flow

FORMAT	INPUT GROUND EVENT REQUESTS		ASSESS/APROVE REQUESTS
ACTION SUMMARY	Originator: e.g. Developer, Operator, Maintainer, etc.	Gnd Event Req's →	Resource Planner and affected Ops organization
WHO	• Creates Input request specifying: Ground event activities, Requested schedule, resources required, deadline, impacts, dependencies, etc. • Submits completed request, approved by requestor's mgmt., to Site Ops Resource Planner/SMC Resource Planner.		• Site/SMC Resource Planner reviews request and Assigns to Lead (from affectedOps support organization) for review, assessment and coordination based on Ops support requirements and impact level: a) System activity (coord. by SMC) b) DAAC Activity impacting outside DAAC with SMC and others impacted c) DAAC Activity with no external impact: Coordinated with other site org. • Responsible Lead Assess/Updates request with Requestor. • Submits to Ops organization Lead for approval to return to Resource Planning.
ACTION			
TOOLS	Resource Planning Service (RPS): • Provides Form, instructions and prompted input. • Electronically distributed		RPS allows for : • Electronic distribution • Review and update

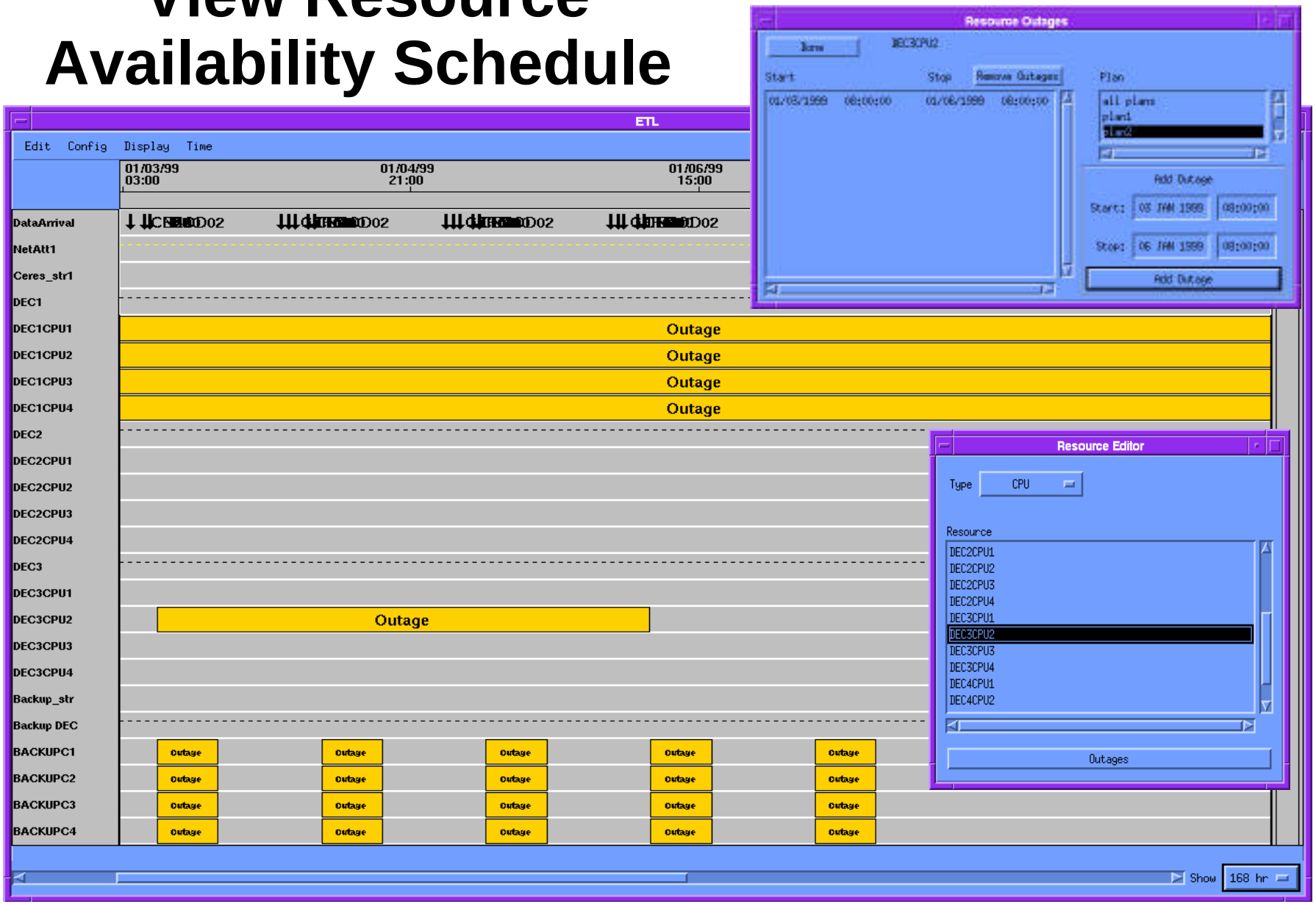
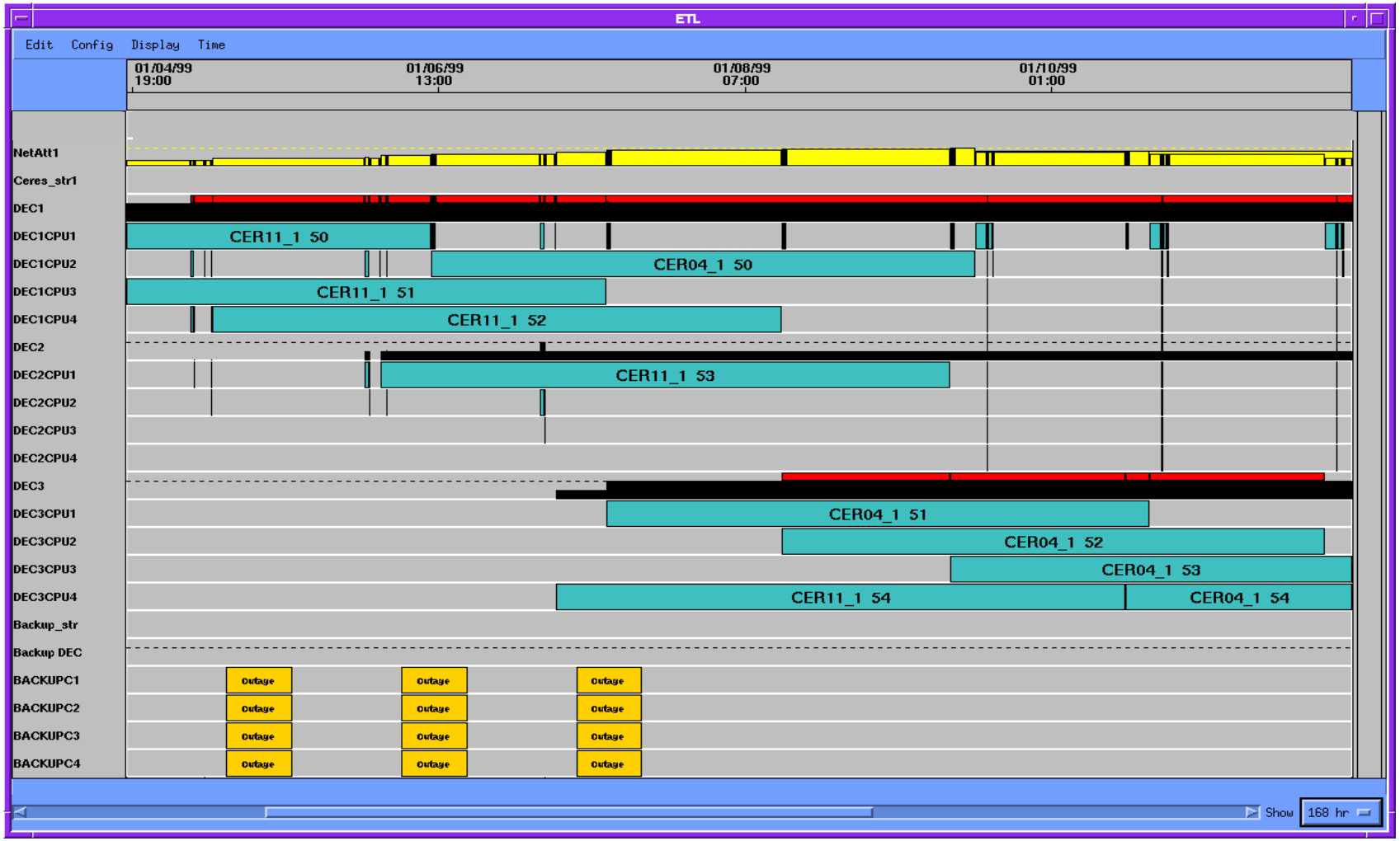
Process Flow (cont.)



Process Flow (cont.)



View Resource Availability Schedule



Candidate Plan View